



September 5, 2003

VIA CERTIFIED MAIL

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**RUTGERS Organics Corporation**

**Re: AUGUST 2003 MONTHLY REPORT  
RI/FS & REMOVAL ACTION  
RUTGERS ORGANICS CORPORATION  
SALEM, OHIO SITE**

In accordance with Paragraph X E of the Administrative Order by Consent regarding a Remedial Investigation/Feasibility Study (RI/FS) of the Nease Chemical Site in Salem, Ohio, attached is a copy of the August 2003 RI/FS Progress Report.

Additionally, in accordance with Paragraph 14 of the Administrative Order by Consent, signed November 17, 1993, attached is a copy of the August 2003 Removal Action Progress Report.

Please contact us if you have any questions regarding activities discussed in these reports

Sincerely,

A handwritten signature in black ink that reads "Rainer Domalski".

Dr. Rainer F. Domalski  
Manager Remediation Projects

Enclosure

cc: M. Hardy – Thompson Hine  
Steve Finn – Golder Associates, Inc.

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**RÜTGERS ORGANICS CORPORATION  
REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
SALEM, OHIO SITE  
MONTHLY PROGRESS REPORT  
AUGUST 2003**

## **1.0 INTRODUCTION**

This progress report has been prepared in accordance with Paragraph XE of the Administrative Order of Consent regarding a Remedial Investigation/Feasibility Study of the Nease Chemical Site in Salem, Ohio. The report summarizes the major RI/FS actions during the month along with investigation results and any problems encountered in the project. Activities planned for next month are also presented.

## **2.0 SUMMARY OF ACTIVITIES PERFORMED**

### **2.1 Project Activity Summary**

The activities that were initiated and/or completed during the month are described. All activities were performed in accordance with the detailed protocol provided in the approved Work Plan.

### **2.2 Fieldwork**

In July 2003, ROC conducted a groundwater sampling incl. 36 monitoring well on and around site. ROC also sampled sediments from a sandbank in the MFLBC. This work voluntarily done by ROC was in connection with the planned removal of this sandbank by Columbiana County.

### **2.3 Reports**

#### **2.3.1 Remedial Investigation - Endangerment Assessment (EA)**

A red-lined final EA was submitted to the agencies by the end of December 2001. Based on additional information requested and received by the agencies, ROC submitted a revised Chapter VI and VIII of the EA in January 2002. In a letter dated June 26, 2002, EPA submitted comments regarding the human health part of the EA. ROC has addressed these comments and submitted a revised document by October 30, 2002. ROC also received comments regarding the ecological part of the EA. They were discussed with the agencies in a meeting on December 3, 2002. ROC is in regular contact with the agencies to respond to their comments received at this meeting and in following letters.

On March 18, 2003, the agencies and ROC had a meeting regarding the upcoming Feasibility Study (FS). The parties discussed site conceptual model, proposed operational units (OU 1- 4), remedial actions objectives and technology screening. The FS (OU-3: Groundwater and SOIL) should be finalized in December 2003.

On April 25, 2003, ROC submitted the revised EA, Chapter I to VIII (Human Health). Chapter IX and X (Ecology) is still under revision.

On June 23, 2003, ROC submitted the revised EA, Chapter IX and X (Ecology).

## **2.4                    Meetings**

No meeting was held during this month.

## **3.0                    VARIATIONS FROM THE APPROVED RI/FS WORK PLAN**

No variations from the approved Work Plans occurred during the month.

## **4.0                    RESULTS OF SAMPLING, TESTS AND ANALYSES**

No RI/FS sampling results/analysis were received this month.

## **5.0                    PROJECT SCHEDULE**

The attached updated Work Plan schedule identifies completion and target dates for project activities. Those scheduled to occur over the next several months include:

- Prepare Feasibility Study (OU-2; groundwater and soil)

## **6.0                    DIFFICULTIES ENCOUNTERED AND ACTION TAKEN TO RESOLVE PROBLEMS**

No significant difficulties were encountered.

## **7.0                    PERSONNEL CHANGES**

No changes occurred during this month.

## **8.0                    ANTICIPATED PROJECT ACTIVITIES FOR SEPTEMBER 2003**

- Monthly Progress Report August 2003
- Analysis and evaluation of groundwater sampling taken from 36

monitoring wells.

- Analysis of sediment samples taken from sand bank in MFLBC
- Prepare Feasibility Study (OU-2)

Table 1  
Nease Site, Salem, Ohio  
RI/FS Schedule

Date	Task/Activity/Deliverable/Milestone
February 22, 1988	Effective Date of RI/FS Administrative Order of Consent
April 5, 1991	Partial Salem RI submitted to Agencies
July 6, 1993	Salem RI submitted to Agencies
July 29-30, 1993	Source sampling event, ROC/Golder and Agencies/B&V WST
August 10, 1993	Submit monthly progress report
September 10, 1993	Submit monthly progress report
October 10, 1993	Submit monthly progress report
November 10, 1993	Submit monthly progress report
Nov./Dec , 1993	Egypt Swamp Sampling Event
December 10, 1993	Submit monthly progress report
January 10, 1994	Submit monthly progress report
February 10, 1994	Submit monthly progress report
March 10, 1994	Submit monthly progress report
March 30, 1994	Submit Supplemental Production Well Closure Plan to Agencies
April 10, 1994	Submit monthly progress report
May 10, 1994	Submit monthly progress report
June 10, 1994	Submit monthly progress report
July 10, 1994	Submit monthly progress report
August 10, 1994	Submit monthly progress report

Date	Task/Activity/Deliverable/Milestone
August 18, 1994	Submit to Agencies Additional RI Report: MFLBC
August 22, 1994	Receipt of US EPA Draft Comments on 1993 Salem RI Report
September 6, 1994	Receipt of US EPA Comments on 1993 Salem RI Report
September 10, 1994	Submit monthly progress report
September 23, 1994	Receipt of USEPA Comments on Well Closure Plan
October 7, 1994	Submit Supplemental Production Well Closure Plan (Revision #1)
October 10, 1994	Submit monthly progress report
November 8, 1994	Receipt of USEPA approval of Well Closure Plan (Revision #1)
November 10, 1994	Submit monthly progress report
December 10, 1994	Submit monthly progress report
December 13-19, 1994	Production Well Closure Field Work
January 10, 1995	Submit monthly progress report
February 10, 1995	Submit monthly progress report
February 27, 1995	Receipt of USEPA Comments to Additional Remedial Investigation Report
March 10, 1995	Submit monthly progress report
March 30, 1995	Revised MFLBC Sampling Plan submitted
April 10, 1995	Submit monthly progress report
April 25, 1995	Meet to finalize MFLBC Sampling Plan
May 10, 1995	Submit monthly progress report
June 6, 1995	Propose groundwater sampling Round 3
June 10, 1995	Submit monthly progress report

<b>Date</b>	<b>Task/Activity/Deliverable/Milestone</b>
June 30, 1995	Receive agency comments to groundwater sampling Round 3 proposal
July 5, 1995	Receive agency approval of MFLBC Sampling Plan
July 6, 1995	Submit revised Round 3 groundwater sampling proposal
July 10, 1995	Submit monthly progress report
August 1, 1995	Receive Agency approval for CAL MPK analysis
August 4, 1995	Submit Rt 14/Feeder Creek Plan to Agencies
August 10, 1995	Submit monthly progress report
September 5-15, 1995	Anticipated MFLBC phase III Sample Collection
September 10, 1995	Submit monthly progress report
September 12, 1995	Receive agency comments on Rt 14/Feeder Creek Sampling Plan
September 18-30, 1995	Round 3 Groundwater Collection
October 6, 1995	Submit revised Rt. 14/Feeder Creek Sampling Plan
October 25, 1995	Resubmit revised Rt. 14/Feeder Creek Sampling (Verbal Comments)
October 30-November 2, 1995	Collect Rt. 14/Feeder Creek Samples
November 10, 1995	Submit monthly progress report
December 10, 1995	Submit monthly progress report
December 28, 1995	Receive Agency comments to Remedial Investigation Report
January 10, 1996	Submit monthly progress report
January 31, 1996	Submit Revised RI Report Volumes 1, 1A, 3 and 4
February 10, 1996	Submit monthly progress report
March 10, 1996	Submit monthly progress report

Date	Task/Activity/Deliverable/Milestone
April 10, 1996	Submit monthly progress report
April 24, 1996	Meeting with agencies to discuss project status and submittal dates
May 10, 1996	Submit monthly progress report
May 24, 1996	Submit Appendix N
June 10, 1996	Submit monthly progress report
June 14, 1996	Submit Round 3 Groundwater Sampling Data
June 19, 1996	Revised RI Approved by EPA/OEPA
July 10, 1996	Submit monthly progress report
August 10, 1996	Submit monthly progress report
September 6, 1996	Submit monthly progress report
September 11, 1996	Meeting with Agencies to discuss Endangerment Assessment Comments
October 10, 1996	Submit monthly progress report, Submit revised Rt 14/FC Investigation Results, Submit revised Eastern Plume/DNAPL Work Plan
November 10, 1996	Submit monthly progress report
December 10, 1996	Submit monthly progress report
December, 1996	Complete Fieldwork E. Plume/DNAPL Workplan
January 10, 1997	Submit monthly progress report
January 23, 1997	Piezometer (hydropunch) sampling conducted
February 7, 1997	Submit monthly progress report
March 7, 1997	Submit monthly progress report
March 25, 1997	Receive agency comments on E. Plume/DNAPL Workplan
April 10, 1997	Submit monthly progress report



<b>Date</b>	<b>Task/Activity/Deliverable/Milestone</b>
May 9, 1997	Submit monthly progress report
June 9, 1997	Submit monthly progress report
June 30, 1997	Receive Agency comments on Appendix N, RI
July 8, 1997	Submit monthly progress report
July 18, 1997	Submit revision package for Appendix N addressing agency comments
August 8, 1997	Submit DNAPL/Eastern Plume Report and Monthly progress report
August 20, 1997	Agency approval of Appendix N
September 10, 1997	Submit monthly progress report
October 10, 1997	Submit monthly progress report
November 10, 1997	Submit monthly progress report
December 10, 1997	Submit monthly progress report
December 18, 1997	Receive (12/19/97) agency comments to previously submitted EA chapters
December 18, 1997	Receive (12/29/97) USEPA Comments to Eastern Plume/DNAPL report
December 29, 1997	Receive (12/31/97) OEPA Comments to Eastern Plume/DNAPL report
January 8, 1998	Clarifications to agency EA comments requested by ROC letter
January 9, 1998	Submit monthly progress report
January 13, 1998	Telephone conference to obtain clarification on agency EA comments (human health)
January 22, 1998	Meeting in US EPA's Chicago offices to discuss Eastern Plume/DNAPL report comments
January 28, 1998	Telephone conference to obtain clarifications on agency EA comments
January 29, 1998	Telephone conference to obtain clarifications on agency EA comments (Ecological and revision schedule)
February 3, 1998	ROC letter regarding summary of previous EA clarification telephone calls

Date	Task/Activity/Deliverable/Milestone
February 10, 1998	Submit monthly progress report
February 12, 1998	Meeting in Twinsburg, OH to discuss agency comment to EA chapters and approach for finalization of remaining chapters
March 10, 1998	Submit monthly progress report
April 1, 1998	Receiver USEPA comments to revised Eastern Plume/DNAPL report
April 8, 1998	Submit monthly progress report
April 15, 1998	Submit Complete EA
May 7, 1998	Submit monthly progress report
June 9, 1998	Submit monthly progress report
July 10, 1998	Submit monthly progress report
August 5, 1998	Revised Eastern Plume/DNAPL report submitted
August 7, 1998	Submit monthly progress report
August 14, 1998	Receive draft agency comments on EA
August 26, 1998	Meeting in Twinsburg, Ohio to discuss EA comments
September 10, 1998	Submit monthly progress report
October 8, 1998	Meeting to discuss EA technical issues (EPA office, Chicago)
October 9, 1998	Submit monthly progress report
November 6, 1998	Teleconference on EA comments
November 10, 1998	Submit monthly progress report
November 30, 1998	Receive additional agency comments on EA
December 10, 1998	Submit monthly progress report
December 15, 1998	Teleconference on EA comments

Date	Task/Activity/Deliverable/Milestone
January 6, 1999	Teleconference on EA comments (remaining item information status)
January 8, 1999	Submit monthly progress report
January 22, 1999	Submit EA Appendices
February 3, 1999	Agency MFLBC Sampling Letter received
February 9, 1999	Receive partial agency comments to EA/Appendices
February 10, 1999	Submit monthly progress report
February 23, 1999	ROC responds to MFLBC Sampling proposal
March 9, 1999	Submit monthly progress report
March 16, 1999	Receive additional agency comments to EA/Appendices, more anticipated
April 8, 1999	Receive final agency comments to EA/Appendices
April 9, 1999	Submit monthly progress report
May 10, 1999	Submit monthly progress report
May 17, 1999	Agency response letter to ROC MFLBC sampling proposal received
June 7, 1999	Conference call to resolve details on MFLBC sampling program and locations
June 9, 1999	Submit monthly progress report
June 18, 1999	Submit revised EA
July 9, 1999	Submit monthly progress report
July 12-21, 1999	Conduct additional MFLBC field sampling work
July 28, 1999	ROC proposal for Residential well sampling program via a conference call
August 8, 1999	Submit monthly progress report
September 1, 1999	Agency approval of residential well sampling program via a conference call

<b>Date</b>	<b>Task/Activity/Deliverable/Milestone</b>
September 10, 1999	Submit monthly progress report
October 8, 1999	Submit monthly progress report
November 8, 1999	Submit monthly progress report
December 9, 1999	Submit monthly progress report
January 10, 2000	Submit monthly progress report
January 11, 2000	Conduct Residential Well Sampling Program
February 10, 2000	Submit monthly progress report
March 8, 2000	Submit monthly progress report
March 31, 2000	Submit MFLBC Data Summary Report
April 4, 2000	Submit monthly progress report
May 10, 2000	Submit monthly progress report
June 7, 2000	Submit Residential Well Sampling Results
June 8, 2000	Submit monthly progress report
July 7, 2000	Submit monthly progress report
July 31, 2000	Received agency comment letter regarding draft Endangerment Assessment
August 8, 2000	Submit monthly progress report
September 8, 2000	Submit monthly progress report
October 4, 2000	Submit monthly progress report
October 11, 2000	Agencies/ROC meeting regarding agency's comments to draft Endangerment Assessment
November 3, 2000	Submit monthly progress report
November 14, 2000	Submit parts of the revised Endangerment Assessment (Chapter 1 – 4, 9)
December 8, 2000	Submit monthly progress report

<b>Date</b>	<b>Task/Activity/Deliverable/Milestone</b>
December 12, 2000	Submit parts of the revised Endangerment Assessment (Chapter 10)
January 4, 2001	Submit monthly progress report
February 6, 2001	Submit monthly progress report
March 8, 2001	Submit monthly progress report
April 9, 2001	Submit monthly progress report
April 11, 2001	Received agencies' comments regarding Appendix I
May 8, 2001	Submit monthly progress report
May 18, 2001	Received agencies' comments regarding Appendix I
June 6, 2001	Submit monthly progress report
July 6, 2001	Submit monthly progress report
August 7, 2001	Submit monthly progress report
August 20, 2001	Received agencies' comments regarding indoor air
September 7, 2001	Received agencies' comments regarding dermal exposure
September 10, 2001	Submit monthly progress report
September 18, 2001	Initial response to agencies' September 7, 2001 letter
October 5, 2001	Submit Monthly progress report
October 19, 2001	Received agencies' comment letter regarding EA issues
November 2, 2001	Response to agencies' comments October 19, 2001
November 7, 2001	Submit monthly progress report
December 7, 2001	Submit monthly progress report
December 28, 2001	Submit draft final Endangerment Assessment (Human Health)
January 9, 2001	Submit monthly progress report
January 25, 2002	Submit revised EA Chapters VI and VIII
February 8, 2002	Submit monthly progress report
March 5, 2002	Submit monthly progress report
April 5, 2002	Submit monthly progress report
May 8, 2002	Submit monthly progress report

Date	Task/Activity/Deliverable/Milestone
June 5, 2002	Submit monthly progress report
July 8, 2002	Submit monthly progress report
August 9, 2002	Submit monthly progress report
August 26, 2002	EPA submit comments regarding ecological part of EA
September 10, 2002	Submit monthly progress report
October 10, 2002	Submit monthly progress report
October 30, 2002	Submit Draft Endangerment Assessment (Human Health Part)
November 6, 2002	Submit monthly progress report
December 3, 2002	Meeting with the agencies regarding the ecological part of the EA
December 10, 2002	Submit monthly progress report
December 30, 2002	Agency comment letter regarding EA
January 9, 2003	Submit progress report
February 5, 2003	Submit monthly progress report
March 18, 2003	Meeting between agencies and ROC regarding FS
March 19, 2003	Submit monthly progress report
April 7, 2003	Submit monthly progress report
April 25, 2003	Submit revised EA Chapter I – VIII (Human Health)
May 7, 2003	Submit monthly progress report
June 10, 2003	Submit monthly progress report
June 23, 2003	Submit revised EA Chapter IX and X (Ecology)
July 8, 2003	Submit monthly progress report
July 21, 2003	Start groundwater sampling (36 MW, sandbank)
August 8, 2003	Submit monthly progress report
September 5, 2003	Submit monthly progress report

**RÜTGERS ORGANICS CORPORATION  
REMOVAL ACTION  
SALEM, OHIO SITE  
MONTHLY PROGRESS REPORT  
AUGUST 2003**

**1.0 INTRODUCTION**

This progress report has been prepared in accordance with Paragraph 14 of the "Order" section of the Administrative Order by Consent (AOC) Docket No. V-W-94-C-212, effective November 17, 1993, regarding a Removal Action at the Nease Chemical Site in Salem, Ohio. The report summarizes the major activities during the month along with investigation results and any problems encountered on the project. Activities planned for next month are also presented.

**2.0 SUMMARY OF ACTIVITIES PERFORMED**

**2.1 Project Activity**

The activities that were initiated and/or completed during this month are described below. Activities were performed in accordance with the Removal Action AOC.

**2.2 Work Plan Preparation/Reports**

No work plans/reports were submitted this period.

**2.3 Fieldwork**

**2.3.1 Site Inspections**

The results of the monthly site inspection carried out at the site on August 12, 2003 are shown in Attachment 1.

**2.3.2 Monthly Water Level Measurements**

Water level measurements taken in monitoring wells at the site on August 12, 2003 are provided in Attachment 2.

**2.3.3 Treatment Plant Operation**

The treatment plant operated normally throughout the month.

**2.4.1.1 Meetings**

No meetings were held this month.

### **3.0 VARIATIONS FROM THE APPROVED REMOVAL ACTION WORK PLAN**

There were no variations from the approved Removal Action Work Plan for the month.

### **4.0 RESULTS OF INSPECTIONS, ENVIRONMENTAL SAMPLING, TESTS AND ANALYSES**

Water monitoring samples were collected from the treatment plant during July/August. Attachment 3 and 4 include results from water and air samples collected on July 15, 2003 and August 4, 2003. The mid-month sampling results were not available at the time reporting. It will be included in next monthly report.

### **5.0 PROJECT SCHEDULE**

The attached and updated Work Plan schedule identifies completion and target dates for project activities.

### **6.0 DIFFICULTIES ENCOUNTERED AND ACTION TAKEN TO RESOLVE PROBLEMS**

No significant difficulties were reported this month

### **7.0 PERSONNEL CHANGES**

No changes occurred during this month.

### **8.0 TYPES AND QUANTITIES OF REMOVED MATERIALS**

For the period from July 1 through July 31, 2003 the following material was removed:

- 20,935 gallons of leachate and/or backwash water were disposed off-site at a licensed treatment facility.
- Approximately 244,433 gallons were pumped from Leachate Collection System 1 (LCS-1) (total for LCS-1 = 14,156,901 gallons).
- Approximately 12,510 gallons were pumped from Leachate Collection System 2 (LCS-2) (total for LCS-2 = 1,016,730 gallons).
- No water was pumped from Pond 1 (total for the pond = 878,396 gallons).



- Approximately 22.78 pounds of organic compounds were removed during pumping (estimate based on average VOC/SVOC concentrations for each source).

## **9.0 ANTICIPATED PROJECT ACTIVITIES FOR AUGUST 2003**

Removal Action activities scheduled for the upcoming month include on-going implementation of the approved Removal Action Work Plan involving:

- Collection of groundwater from the existing collection systems LCS-1, LCS-2 and Pond 1.
- Monthly Progress Report

Table 1  
Nease Site, Salem, Ohio  
Removal Action Schedule

Date	Task/Activity/Deliverable/Milestone
November 17, 1993	Removal AOC Effective Date
November 17, 1993	Commence Preparation of Removal Action Work Plan
November 23, 1993	Submit Treatment Plant Performance Evaluation Work Plan (Rev #1)
November 28, 1993	USEPA Conditional Approval of TPPEWP
December 1, 1993	Commence Treatment Plant Performance Evaluation
December 9, 1993	Complete Treatment Plant Performance Evaluation
December 10, 1993	Submit monthly progress report
December 17, 1993	Submit Removal Action Work Plan (Rev #0) to USEPA
January 3, 1994	USEPA Approval of TPPEWP (Rev #1)
January 10, 1994	Submit monthly progress report
January 15, 1994	Complete Treatment Plant Data Analysis and Evaluation
January 17, 1994	Notify EPA of inability of Treatment Plant to meet proposed discharge criteria. Commence preparation of Treatment Plant Modifications Work Plan (TPMWP)
January 24, 1994	USEPA disapproval of Removal Action Work Plan (Rev. #0) and associated comments
February 4, 1994	Submit Revised Removal Action Work Plan (Rev #1) and Response to Agency comments
February 10, 1994	Submit monthly progress report
February 11, 1994	Submit Treatment Plant Performance Evaluation Report (TPPER)
March 2, 1994	Submit Treatment Plant Modifications Work Plan (TPMWP, Rev. #0)
March 10, 1994	Submit monthly progress report
April 10, 1994	Submit monthly progress report

Date	Task/Activity/Deliverable/Milestone
April 13, 1994	Submit Revised Removal Action Work Plan (Rev #2) and Response to Agency comments
April 20, 1994	Submit Revised TPMWP (Rev #1) and Response to Agency comments
May 10, 1994	Submit monthly progress report
May 13, 1994	Submit Updates (Rev #3) to Removal Action Work Plan (Rev #2) and Response to Agency comments
May 25, 1994	USEPA approval of Revised RA Work Plan (Rev #2). Commence work on Work Plan implementation
May 25, 1994	Commence Preparation of Removal Action WP Addendum
June 1, 1994	Receipt of USEPA approval of Revised RA Work Plan (Rev #3)
June 10, 1994	Submit monthly progress report
June 24, 1994	Submit TPMWP (Rev #2)
July 10, 1994	Submit monthly progress report
July 26, 1994	Submit Treatment Plant Modifications Design Technical Memorandum (TPMDTM, Rev #0)
July 28, 1994	Receipt of USEPA approval of TPMWP (Rev #2 with revised Table 4)
August 10, 1994	Submit monthly progress report
August 30, 1994	Submit Removal Action Work Plan Addendum (RAWPA)
September 10, 1994	Submit monthly progress report
September 23, 1994	Receipt of USEPA Comments or TPMDTM
October 3, 1994	Submit TPMDTM (Rev #1)
October 4, 1994	Submit TPMDTM (Rev #1)
October 10, 1994	Submit monthly progress report
November 9, 1994	Submit TPMDM (Rev #2)
November 10, 1994	Submit monthly progress report

Date	Task/Activity/Deliverable/Milestone
December 1, 1994	Receipt of USEPA approval of TPMDTM (Rev #2)
December 10, 1994	Submit monthly progress report
December 12-19, 1994	RAWPA Extraction Well and Piezometer Installation
January 10, 1995	Submit monthly progress report
January/February/ March, 1995	Construction of TPMWP/TPMDTM measures
February 10, 1995	Submit monthly progress report
March 10, 1995	Submit monthly progress report
March 13-16, 1995	Performance of Field Pumping Tests (E4 and S7)
April 10, 1995	Submit monthly progress report
April 24, 1995	Submit status report on RAWPA, Task 5
May 4, 1995	Start on-site treatment plant
May 10, 1995	Submit monthly progress report
June 10, 1995	Submit monthly progress report
July 10, 1995	Submit monthly progress report
July 21, 1995	Submit treatment plant 1 <sup>st</sup> month operation summary report
July 26, 1995	Submit Cone penetrometer testing report and additional investigation plan
August 10, 1995	Submit monthly progress report
September 10, 1995	Submit monthly progress report
October 10, 1995	Submit monthly progress report
November 10, 1995	Submit monthly progress report
December 10, 1995	Submit monthly progress report

Date	Task/Activity/Deliverable/Milestone
January 8-12, 1996	Conduct 2 <sup>nd</sup> Round of cone penetrometer testing on site
January 10, 1996	Submit monthly progress report
February 10, 1996	Submit monthly progress report
March 10, 1996	Submit monthly progress report
April 10, 1996	Submit monthly progress report
April 18, 1996	Discontinue Outfall Discharge
April 24, 1996	Agency Meeting – Discuss CPT results and future action plan
May 10, 1996	Submit monthly progress report
May 23, 1996	Submit 1996 IRM Seep Investigation and Fabric Barrier Work Plan
June 10, 1996	Submit monthly progress report
July 8-12, 1996	Install Piezometers and modify fabric barriers
July 10, 1996	Submit monthly progress report
August 6, 1996	Submit monthly progress report
September 10, 1996	Submit monthly progress report
October 10, 1996	Submit monthly progress report
November 10, 1996	Submit monthly progress report
December 10, 1996	Submit monthly progress report
January 10, 1997	Submit monthly progress report
February 10, 1997	Submit monthly progress report
March 10, 1997	Submit monthly progress report
April 10, 1997	Submit monthly progress report

<b>Date</b>	<b>Task/Activity/Deliverable/Milestone</b>
May 9, 1997	Submit monthly progress report
May 13, 1997	Sample seep piezometers
June 9, 1997	Submit monthly progress report
July 8, 1997	Submit monthly progress report
August 8, 1997	Submit monthly progress report
September 10, 1997	Submit monthly progress report
October 10, 1997	Submit monthly progress report
November 10, 1997	Submit monthly progress report
December 10, 1997	Submit monthly progress report
January 9, 1998	Submit monthly progress report
February 10, 1998	Submit monthly progress report
March 10, 1998	Submit monthly progress report
April 8, 1998	Submit monthly progress report
May 7, 1998	Submit monthly progress report
June 9, 1998	Submit monthly progress report
June 30, 1998	Sample Seep Sheen
July 10, 1998	Submit monthly progress report
August 7, 1998	Submit monthly progress report
August 19, 1998	Install 1 new fabric barrier and remover 1 old one
September 10, 1998	Submit monthly progress report
October 9, 1998	Submit monthly progress report

Date	Task/Activity/Deliverable/Milestone
November 10, 1998	Submit monthly progress report
December 10, 1998	Submit monthly progress report
January 8, 1999	Submit monthly progress report
February 10, 1999	Submit monthly progress report
March 9, 1999	Submit monthly progress report
April 9, 1999	Submit monthly progress report
May 10, 1999	Submit monthly progress report
June 9, 1999	Submit monthly progress report
July 9, 1999	Submit monthly progress report
August 9, 1999	Submit monthly progress report
September 10, 1999	Submit monthly progress report
October 8, 1999	Submit monthly progress report
November 8, 1999	Submit monthly progress report
December 9, 1999	Submit monthly progress report
January 10, 2000	Submit monthly progress report
February 10, 2000	Submit monthly progress report
March 8, 2000	Submit monthly progress report
April 4, 2000	Submit monthly progress report
May 10, 2000	Submit monthly progress report
June 8, 2000	Submit monthly progress report
July 7, 2000	Submit monthly progress report

<b>Date</b>	<b>Task/Activity/Deliverable/Milestone</b>
August 8, 2000	Submit monthly progress report
September 8, 2000	Submit monthly progress report
October 4, 2000	Submit monthly progress report
November 3, 2000	Submit monthly progress report
December 8, 2000	Submit monthly progress report
January 4, 2001	Submit monthly progress report
February 6, 2001	Submit monthly progress report
March 8, 2001	Submit monthly progress report
April 9, 2001	Submit monthly progress report
May 8, 2001	Submit monthly progress report
June 6, 2001	Submit monthly progress report
July 6, 2001	Submit monthly progress report
August 7, 2001	Submit monthly progress report
September 10, 2001	Submit monthly progress report
October 5, 2001	Submit monthly progress report
November 7, 2001	Submit monthly progress report
December 7, 2001	Submit monthly progress report
January 9, 2002	Submit monthly progress report
February 8, 2002	Submit monthly progress report
March 5, 2002	Submit monthly progress report
April 5, 2002	Submit monthly progress report
May 8, 2002	Submit monthly progress report
June 5, 2002	Submit monthly progress report
July 8, 2002	Submit monthly progress report
August 9, 2002	Submit monthly progress report
September 10, 2002	Submit monthly progress report



Date	Task/Activity/Deliverable/Milestone
October 10, 2002	Submit monthly progress report
November 6, 2002	Submit monthly progress report
December 10, 2002	Submit monthly progress report
January 9, 2003	Submit monthly progress report
February 7, 2003	Submit monthly progress report
March 19, 2003	Submit monthly progress report
April 7, 2003	Submit monthly progress report
May 7, 2003	Submit monthly progress report
June 10, 2003	Submit monthly progress report
July 8, 2003	Submit monthly progress report
August 8, 2003	Submit monthly progress report
September 5, 2003	Submit monthly progress report

**Attachment 1**  
**Results of Monthly Site Inspection**  
**August 2003**

**Site Inspection Form**  
**Rutgers Organics Corporation**  
**Nease Site, Salem, Ohio**

**Date of Inspection:** 08/12/03

**Entry Time:** 9:00

**Exit Time:** 4:00

**Weather:** Cloudy, cool

**Inspector's Name:** Denny Lane

**Inspector's Company:** Howells & Baird, Inc.

**INSPECTION RESULTS**

**SPECIFIC OBSERVATIONS: STRUCTURES**

(Responses: S = Satisfactory, U = Unsatisfactory, Yes/No, Levels in Ft., NA = Not Applicable)

	Pump	Quick Connect	Water Level	Berm Erosion
Leachate Collection System 1 (LCS 1)	S	S	5.57	NA
Leachate Collection System 2 (LCS 2)	S	S	11.91	NA
Pond 1 Pumphouse	S	S	9.05	NA
Pond 1 Berm	NA	NA	NA	NO
Pond 2 Embankment	NA	NA	NA	NO
Exclusion Area A Embankment	NA	NA	NA	NO
Storage Tank	NA	S	NA	NA

**SPECIFIC OBSERVATION: SEDIMENT BARRIERS**

Condition of sediment barriers

Barrier ID	Fabric Intact?	Bypass Evident	Needs Maint.
Sediment Control Structure 1	YES	NO	NO
Sediment Control Structure 2	YES	NO	NO
Fabric Barrier 2	YES	NO	NO
Fabric Barrier 3	YES	NO	NO
Fabric Barrier 4	YES	NO	NO
Fabric Barrier 4a	YES	NO	NO
Fabric Barrier 5	YES	NO	NO
Fabric Barrier 8	YES	NO	NO
Fabric Barrier 9	YES	NO	NO
Fabric Barrier 10	YES	NO	NO
Rock Barrier 1	YES	NO	NO
Rock Barrier 2	YES	NO	NO
Pond 7 - North	YES	NO	NO
Pond 7 - South	YES	NO	NO

Site Inspection Form  
Ruetgers Organics Corporation  
Nease Site, Salem, Ohio

## SPECIFIC OBSERVATIONS: SEEPS

Seep ID	Located on Map	Area (ft <sup>2</sup> )	Magnitude Flow?, Ponding?
94-7-1	YES	20	Non-flowing seep
96-8-2	YES	20	Non-flowing seep

Inspector's Name

DENNIS L. LANE

Inspector's Signature

Dennis L. Lane

Date

9-3-03

**Attachment 2**  
**Results of Monthly Water Level Measurements**  
**August 2003**

Monthly Monitoring Well Water Level Measurement Form  
Rutgers Organics Corporation  
Nease Site, Salem, Ohio

Date of Inspection: Jt 12-Aug-03  
Entry Time: 9:00

Exit Time: 4.00

Inspector's Name: Denny Lane  
Inspector's Company: Howells & Baird

Inspector's Signature



Number	Water (feet)	Lock Intact?	Date	Comments
PZ-5T	14.39	Yes	08/12/03	
PZ-5B	16.80	Yes	08/12/03	
PZ-6B-U	14.22	Yes	08/12/03	
PZ-6B-M	13.41	Yes	08/12/03	
PZ-6B-L	11.52	Yes	08/12/03	
PZ-7	6.11	Yes	08/12/03	
RW-1	22.95	Yes	08/12/03	
S-1	14.93	Yes	08/12/03	
S-2	7.82	Yes	08/12/03	
S-3	4.53	Yes	08/12/03	
S-4	3.83	Yes	08/12/03	
S-5	11.60	Yes	08/12/03	
S-6	4.61	Yes	08/12/03	
S-7	3.89	Yes	08/12/03	
S-8	2.31	Yes	08/12/03	
S-9	13.80	Yes	08/12/03	
S-10	7.40	Yes	08/12/03	
S-11	8.13	Yes	08/12/03	
S-12	2.91	Yes	08/12/03	
S-13	3.73	Yes	08/12/03	
S-14	0.00	Yes	08/12/03	
S-15	0.00	Yes	08/12/03	
S-16	11.01	Yes	08/12/03	
S-17	0.00	Yes	08/12/03	
S-18	6.66	Yes	08/12/03	
S-19	0.00	Yes	08/12/03	
SP-1	4.00	Yes	08/12/03	
SP-2	3.66	Yes	08/12/03	
SP-3	3.99	Yes	08/12/03	
SP-4	4.58	Yes	08/12/03	
SP-5	3.67	Yes	08/12/03	
SP-6	4.88	Yes	08/12/03	

**Monthly Monitoring Well Water Level Measurement Form**  
**Rutgers Organics Corporation**  
**Nease Site, Salem, Ohio**

Date of Inspection: Ji 12-Aug-03

Entry Time: 9:00

Exit Time: 4:00

Inspector's Name: Denny Lane

Inspector's Company: Howells & Baird

Inspector's Signature



Well Number	Depth to Water (feet)	Casing & Lock Intact?	Date	Comments
FVF6	9.29	Yes	08/12/03	
GUBA	1.33	Yes	08/12/03	
H-S	3.11	Yes	08/12/03	
HUBA	13.98	Yes	08/12/03	
HVF1	10.85	Yes	08/12/03	
I-SHALE	14.60	Yes	08/12/03	
ILBA	48.89	Yes	08/12/03	
I-S	14.61	Yes	08/12/03	
IUBA	28.01	Yes	08/12/03	
JLBA	4.21	Yes	08/12/03	
JVF2	11.49	Yes	08/12/03	
JVF3	9.28	Yes	08/12/03	
JVF4	6.65	Yes	08/12/03	
KLBA	0.00	Yes	08/12/03	
KVF2	0.00	Yes	08/12/03	
KVF4	2.58	Yes	08/12/03	
LBA	21.82	Yes	08/12/03	
LVF1	14.61	Yes	08/12/03	
LVF2	15.84	Yes	08/12/03	
P-1A	5.24	Yes	08/12/03	
P-2A	6.73	Yes	08/12/03	
P-3A	6.96	Yes	08/12/03	
P-1U	37.65	Yes	08/12/03	
P-1L	33.96	Yes	08/12/03	
P-2U	30.01	Yes	08/12/03	
P-2L	42.38	Yes	08/12/03	
PZ-1	11.03	Yes	08/12/03	
PZ-2	13.37	Yes	08/12/03	
PZ-3S	8.03	Yes	08/12/03	
PZ-3M	17.27	Yes	08/12/03	
PZ-3B	30.32	Yes	08/12/03	
PZ-4S	9.91	Yes	08/12/03	
PZ-4M	17.27	Yes	08/12/03	
PZ-4B	24.75	Yes	08/12/03	
PZ-5S	3.19	Yes	08/12/03	
PZ-5M	14.19	Yes	08/12/03	

**Monthly Monitoring Well Water Level Measurement Form**  
**Rutgers Organics Corporation**  
**Nease Site, Salem, Ohio**

**Date of Inspection:** Ji August 12, 2003

**Entry Time:** 9:00

**Exit Time:** 4:00

**Inspector's Name:** Denny Lane

**Inspector's Company:** Howells & Baird

**Inspector's Signature**

*Dennis L. Lane*

Well Number	Depth to Water (feet)	Casing & Lock Intact?	Date	Comments
AUBA	27.62	Yes	08/12/03	
A-S	5.63	Yes	08/12/03	
B-S	7.41	Yes	08/12/03	
C-S	3.31	Yes	08/12/03	
CLBA	12.90	Yes	08/12/03	
CUBA	9.55	Yes	08/12/03	
D-1	21.51	Yes	08/12/03	
D-2	22.85	Yes	08/12/03	
D-3	9.03	Yes	08/12/03	
D-4	20.83	Yes	08/12/03	
D-5	31.20	Yes	08/12/03	
D-6	18.11	Yes	08/12/03	
D-7	0.89	Yes	08/12/03	
D-8	0.00	Yes	08/12/03	
D-9	13.28	Yes	08/12/03	
D-10	9.11	Yes	08/12/03	
D-11	22.00	Yes	08/12/03	
D-12	20.82	Yes	08/12/03	
D-13	29.35	Yes	08/12/03	
D-14	5.91	Yes	08/12/03	
D-15	5.11	Yes	08/12/03	
D-16	0.00	Yes	08/12/03	
D-17	2.63	Yes	08/12/03	
DLBA	0.00	Yes	08/12/03	2.1 PSI on Guage
DVF2	(?)	Yes	08/12/03	Lid Bolted On
DVF3	3.67	Yes	08/12/03	
ELBA	1.21	Yes	08/12/03	
EVF1	5.39	Yes	08/12/03	
EVF2	9.31	Yes	08/12/03	
EVF3	4.79	Yes	08/12/03	
EVF4	3.68	Yes	08/12/03	
EW-4	9.24	Yes	08/12/03	
EW-5	9.91	Yes	08/12/03	
FLBA	9.87	Yes	08/12/03	
FVF3	10.60	Yes	08/12/03	
FVF4	11.61	Yes	08/12/03	



**Attachment 3**

**Water/Air Sampling Results – July 15, 2003**

RUTGERS ORGANICS CORPORATION/EHS DEPT.  
201 STRUBLE ROAD  
STATE COLLEGE , PA 16801  
Account Number 155  
  
Contact: RAINER DOMALKSKI

Date Received 16-JUL-03  
Date Reported: 18-AUG-03  
  
Invoice Number 31948  
  
Date Collected: 15-JUL-03

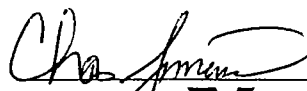
Client ID. INFLUENT 7-15-03

Lab ID. L34871-1

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
BOD-5 DAY	mg/L	58	1	SM 5210	17-JUL-03	TGA
IRON-LOW LEVEL	mg/L	18.8	.0005	EPA 200.8	22-JUL-03	JMS
PESTICIDE ANALYSIS						
KEPONE	ug/L	U 042	042	SOP 6.2	07-AUG-03	JEG
PHOTOMIREX	ug/L	U 006	006	SOP 6.2	07-AUG-03	JEG
MIREX	ug/L	U 002	.002	SOP 6.2	07-AUG-03	JEG
PH	PH UNITS	7.16	0	EPA 150.1	23-JUL-03	CEE
TOTAL DISSOLVED SOLIDS	mg/L	524	10	EPA 160.1	21-JUL-03	STL
TOTAL SUSPENDED SOLIDS	mg/L	32	4	EPA 160.2	21-JUL-03	STL

Comments: Please see Narrative L34871 for comments related to this sample.

Submitted by  
Exygen Research  
Reviewed and Approved by.



Charles Simons  
Laboratory Manager  
3058 Research Drive  
State College, PA 16801, USA

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RUTGERS ORGANICS CORPORATION/EHS DEPT  
201 STRUBLE ROAD  
STATE COLLEGE, PA 16801  
Account Number 155

Contact: RAINER DOMALKSKI

Date Received. 16-JUL-03  
Date Reported 18-AUG-03

Invoice Number 31948

Date Collected 15-JUL-03

Client ID. LGAC 2-3-7-15-03

Lab ID: L34871-2

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
BOD-5 DAY	mg/L	5	1	SM 5210	17-JUL-03	TGA
IRON-LOW LEVEL	mg/L	704	.0005	EPA 200.8	22-JUL-03	JMS
PESTICIDE ANALYSIS						
KEPONE	ug/L	U .042	.042	SOP 6.2	07-AUG-03	JEG
PHOTOMIREX	ug/L	U .006	.006	SOP 6.2	07-AUG-03	JEG
MIREX	ug/L	U .002	.002	SOP 6.2	07-AUG-03	JEG
PH	PH UNITS	7.86	0	EPA 150.1	23-JUL-03	CEE
TOTAL DISSOLVED SOLIDS	mg/L	596	10	EPA 160.1	21-JUL-03	STL
TOTAL SUSPENDED SOLIDS	mg/L	< 4	4	EPA 160.2	21-JUL-03	STL
VOLATILE ANALYSIS						
VINYL CHLORIDE	ug/L	< 10	10	EPA 8260B	29-JUL-03	JEG
DICHLOROMETHANE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
1,1-DICHLOROETHENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
CIS-1,2-DICHLOROETHENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
TRANS-1,2-DICHLOROETHENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
CHLOROFORM	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
1,2-DICHLOROETHANE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
1,1,1-TRICHLOROETHANE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
1,1,2,2-TETRACHLOROETHANE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
1,2-DICHLOROPROPANE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
TRICHLOROETHENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
BENZENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
TETRACHLOROETHENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
TOLUENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
CHLOROBENZENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
ETHYLBENZENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
M, P-XYLENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
O-XYLENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
ACETONE	ug/L	< 10	10	EPA 8260B	29-JUL-03	JEG

RUTGERS ORGANICS CORPORATION/EHS DEPT  
201 STRUBLE ROAD  
STATE COLLEGE , PA 16801  
Account Number 155  
  
Contact · RAINER DOMALKSKI

Date Received 16-JUL-03  
Date Reported 18-AUG-03  
  
Invoice Number 31948  
  
Date Collected 15-JUL-03

Client ID LGAC 2-3-7-15-03

Lab ID: L34871-2

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
2-BUTANONE	ug/L	< 10	10	EPA 8260B	29-JUL-03	JEG
CHLOROMETHANE	ug/L	< 10	10	EPA 8260B	29-JUL-03	JEG
CIS-1,3-DICHLOROPROPENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
TRANS-1,3-DICHLOROPROPENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
BROMOFORM	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
DIBROMOCHLOROMETHANE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
BROMODICHLOROMETHANE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
CARBON TETRACHLORIDE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
BROMOMETHANE	ug/L	< 10	10	EPA 8260B	29-JUL-03	JEG

Comments: <none>

Submitted by  
Exygen Research  
Reviewed and Approved by:



Charles Simons  
Laboratory Manager  
3058 Research Drive  
State College, PA 16801, USA

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exygen.com

RUTGERS ORGANICS CORPORATION/EHS DEPT  
201 STRUBLE ROAD  
STATE COLLEGE , PA 16801  
Account Number. 155

Contact RAINER DOMALKSKI

Date Received 16-JUL-03  
Date Reported 18-AUG-03

Invoice Number: 31948

Date Collected 15-JUL-03

Client ID: OUTFALL 7-15-03

Lab ID. L34871-3

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
SILVER-LOW LEVEL	mg/L	< .0003	.0003	EPA 200.8	22-JUL-03	JMS
ALUMINUM-LOW LEVEL	mg/L	.0255	.0005	EPA 200.8	22-JUL-03	JMS
ARSENIC-LOW LEVEL	mg/L	.0291	.0003	EPA 200.8	22-JUL-03	JMS
BERYLLIUM-LOW LEVEL	mg/L	< .0004	.0004	EPA 200.8	22-JUL-03	JMS
BOD-5 DAY	mg/L	5	1	SM 5210	17-JUL-03	TGA
CADMIUM-LOW LEVEL	mg/L	< .0003	.0003	EPA 200.8	22-JUL-03	JMS
CYANIDE-FREE	mg/L	< .005	.005	EPA 335.4	29-JUL-03	JPB
COD	mg/L	< 10	10	EPA 410.4	21-JUL-03	STL
CHROMIUM-LOW LEVEL	mg/L	.000795	.0006	EPA 200.8	22-JUL-03	JMS
COPPER-LOW LEVEL	mg/L	.00123	.001	EPA 200.8	22-JUL-03	JMS
IRON-LOW LEVEL	mg/L	1.17	.0005	EPA 200.8	22-JUL-03	JMS
MERCURY	mg/L	< .0002	.0002	EPA 7470A	23-JUL-03	STL
PESTICIDE ANALYSIS						
KEPONE	ug/L	U .042	.042	SOP 6.2	07-AUG-03	JEG
PHOTOMIREX	ug/L	U .006	.006	SOP 6.2	07-AUG-03	JEG
MIREX	ug/L	U .002	.002	SOP 6.2	07-AUG-03	JEG
AMMONIA	mg/L	1	1	EPA 350.1	22-JUL-03	STL
NICKEL-LOW LEVEL	mg/L	.0124	.0006	EPA 200.8	22-JUL-03	JMS
OIL & GREASE	mg/L	< 9.6	9.6	EPA 1664A	29-JUL-03	STL

RUTGERS ORGANICS CORPORATION/EHS DEPT.  
201 STRUBLE ROAD  
STATE COLLEGE, PA 16801  
Account Number: 155

Contact: RAINER DOMALKSKI

Date Received 16-JUL-03

Date Reported 18-AUG-03

Invoice Number. 31948

Date Collected 15-JUL-03

Client ID. OUTFALL 7-15-03

Lab ID. L34871-3

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
LEAD-LOW LEVEL	mg/L	00102	0003	EPA 200.8	22-JUL-03	JMS
PESTICIDE/PCB ANALYSIS METHOXYCHLOR	ug/L	< 02	02	EPA 8081	06-AUG-03	CAK
PH	PH UNITS	7.74	0	EPA 150.1	23-JUL-03	CEE
ANTIMONY-LOW LEVEL	mg/L	< .0004	.0004	EPA 200.8	22-JUL-03	JMS
SEMI-VOLATILE ANALYSIS						
ANTHRACENE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
BENZO (A) ANTHRACENE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
BENZO (K) FLUORANTHENE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
3,4-BENZOFUORANTHENE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
BENZO (B) FLUORANTHENE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
BENZO (G, H, I) PERYLENE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
BENZO (A) PYRENE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
CHRYSENE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
DIBENZ (A, H) ANTHRACENE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
FLUORENE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
INDENO (1,2,3-CD) PYRENE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
NAPHTHALENE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
PHENANTHRENE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
PYRENE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
PHENOL	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
4-METHYLPHENOL	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
1,3-DICHLOROBENZENE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
1,4-DICHLOROBENZENE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
1,2-DICHLOROBENZENE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
DIMETHYL PHTHALATE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
BUTYLBENZYL PHTHALATE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
DI-N-BUTYL PHTHALATE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
2-METHYLNAPHTHALENE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
3,4-DICHLORONITROBENZENE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP
DIPHENYL SULFONE	ug/L	< 10	10	EPA 8270C	18-AUG-03	CP

RUTGERS ORGANICS CORPORATION/EHS DEPT  
201 STRUBLE ROAD  
STATE COLLEGE , PA 16801  
Account Number: 155

Contact: RAINER DOMALKSKI

Date Received 16-JUL-03

Date Reported 18-AUG-03

Invoice Number 31948

Date Collected 15-JUL-03

Client ID: OUTFALL 7-15-03

Lab ID L34871-3

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
TOTAL DISSOLVED SOLIDS	mg/L	620	10	EPA 160.1	21-JUL-03	STL
THALLIUM-LOW LEVEL	mg/L	< .0002	0002	EPA 200.8	22-JUL-03	JMS
TOTAL ORGANIC CARBON	mg/L	< 1	1	EPA 415.1	24-JUL-03	STL
TOTAL SUSPENDED SOLIDS	mg/L	< 4	4	EPA 160.2	21-JUL-03	STL
VOLATILE ANALYSIS						
VINYL CHLORIDE	ug/L	< 10	10	EPA 8260B	29-JUL-03	JEG
DICHLOROMETHANE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
1,1-DICHLOROETHENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
CIS-1,2-DICHLOROETHENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
TRANS-1,2-DICHLOROETHENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
CHLOROFORM	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
1,2-DICHLOROETHANE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
1,1,1-TRICHLOROETHANE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
1,1,2,2-TETRACHLOROETHANE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
1,2-DICHLOROPROPANE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
TRICHLOROETHENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
BENZENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
TETRACHLOROETHENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
TOLUENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
CHLOROBENZENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
ETHYLBENZENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
M,P-XYLENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
O-XYLENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
ACETONE	ug/L	< 10	10	EPA 8260B	29-JUL-03	JEG
2-BUTANONE	ug/L	< 10	10	EPA 8260B	29-JUL-03	JEG
CHLOROMETHANE	ug/L	< 10	10	EPA 8260B	29-JUL-03	JEG
CIS-1,3-DICHLOROPROPENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
TRANS-1,3-DICHLOROPROPENE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
BROMOFORM	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
DIBROMOCHLOROMETHANE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
BROMODICHLOROMETHANE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG
CARBON TETRACHLORIDE	ug/L	< 5	5	EPA 8260B	29-JUL-03	JEG

RUTGERS ORGANICS CORPORATION/EHS DEPT  
201 STRUBLE ROAD  
STATE COLLEGE, PA 16801  
Account Number: 155

Contact: RAINER DOMALKSKI

Date Received 16-JUL-03  
Date Reported 18-AUG-03

Invoice Number 31948

Date Collected 15-JUL-03

Client ID: OUTFALL 7-15-03

Lab ID L34871-3

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
BROMOMETHANE	ug/L	< 10	10	EPA 8260B	29-JUL-03	JEG
ZINC-LOW LEVEL	mg/L	0019	.0005	EPA 200.8	22-JUL-03	JMS

Comments <none>

Submitted by  
Exygen Research  
Reviewed and Approved by

*Charles Simons*

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RUTGERS ORGANICS CORPORATION/EHS DEPT  
201 STRUBLE ROAD  
STATE COLLEGE, PA 16801  
Account Number: 155

Contact: RAINER DOMALKSKI

Date Received 16-JUL-03  
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Invoice Number 31948

Date Collected 10-JUL-03

Client ID: TRIP BLANK

Lab ID. L34871-4

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
VOLATILE ANALYSIS						
VINYL CHLORIDE	ug/L	< 10	10	EPA 8260B	28-JUL-03	JEG
DICHLOROMETHANE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
1,1-DICHLOROETHENE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
CIS-1,2-DICHLOROETHENE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
TRANS-1,2-DICHLOROETHENE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
CHLOROFORM	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
1,2-DICHLOROETHANE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
1,1,1-TRICHLOROETHANE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
1,1,2,2-TETRACHLOROETHANE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
1,2-DICHLOROPROPANE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
TRICHLOROETHENE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
BENZENE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
TETRACHLOROETHENE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
TOLUENE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
CHLOROBENZENE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
ETHYLBENZENE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
M,P-XYLENE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
O-XYLENE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
ACETONE	ug/L	< 10	10	EPA 8260B	28-JUL-03	JEG
2-BUTANONE	ug/L	< 10	10	EPA 8260B	28-JUL-03	JEG
CHLOROMETHANE	ug/L	< 10	10	EPA 8260B	28-JUL-03	JEG
CIS-1,3-DICHLOROPROPENE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
TRANS-1,3-DICHLOROPROPENE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
BROMOFORM	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
DIBROMOCHLOROMETHANE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
BROMODICHLOROMETHANE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
CARBON TETRACHLORIDE	ug/L	< 5	5	EPA 8260B	28-JUL-03	JEG
BROMOMETHANE	ug/L	< 10	10	EPA 8260B	28-JUL-03	JEG

Comments <none>

Submitted by  
Exygen Research  
Reviewed and Approved by



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RUTGERS ORGANICS CORPORATION/EHS DEPT.  
201 STRUBLE ROAD  
STATE COLLEGE, PA 16801  
ACCOUNT 155

Date Received. 15-Jul-03  
Date Reported 11-Aug-03

Invoice Number: 31948

Contact RAINER DOMALSKI

Date Collected 15-Jul-03

Client ID: AGAC-F-7-15-03

Lab ID L34871-5

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
<b>VOLATILE ANALYSIS</b>						
BROMODICHLOROMETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
BROMOFORM	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
DIBROMOCHLOROMETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
DIBROMOMETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
TRANS-1,2-DICHLOROETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
CUMENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
N-PROPYLBENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,2,3-TRICHLOROPROPANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
DICHLORODIFLUOROMETHANE	ppb (v/v)	< 2	2	EPA-19 TO-14	04-Aug-03	STL
VINYL CHLORIDE	ppb (v/v)	< 2	2	EPA-19 TO-14	04-Aug-03	STL
CHLOROETHANE	ppb (v/v)	< 2	2	EPA-19 TO-14	04-Aug-03	STL
TRICHLOROFLUOROMETHANE	ppb (v/v)	< 2	2	EPA-19 TO-14	04-Aug-03	STL
1,1-DICHLOROETHENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,1-DICHLOROETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
CIS-1,2-DICHLOROETHENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
CHLOROFORM	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,1,1-TRICHLOROETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
CARBON TETRACHLORIDE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
BENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,2-DICHLOROETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
TRICHLOROETHENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,2-DICHLOROPROPANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
CIS-1,3-DICHLOROPROPENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
TOLUENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
TRANS-1,3-DICHLOROPROPENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,1,2-TRICHLOROETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
TETRACHLOROETHENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,2-DIBROMOETHANE (EDB)	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
CHLOROBENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
ETHYLBENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
M,P-XYLENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
O-XYLENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
STYRENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL

RUTGERS ORGANICS CORPORATION/EHS DEPT.  
201 STRUBLE ROAD  
STATE COLLEGE, PA 16801  
ACCOUNT. 155

Contact: RAINER DOMALSKI

Date Received: 15-Jul-03

Date Reported: 11-Aug-03

Invoice Number: 31948

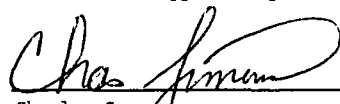
Date Collected: 15-Jul-03

Client ID: AGAC-F-7-15-03

Lab ID: L34871-5

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
1,1,2,2-TETRACHLOROETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,3,5-TRIMETHYLBENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,3-DICHLOROBENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,4-DICHLOROBENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,2-DICHLOROBENZENE	ppb (v/v)	6.0	1	EPA-19 TO-14	04-Aug-03	STL

Submitted by  
Exygen Research  
Reviewed and Approved by.

  
Charles Simons  
Laboratory Manager

RUTGERS ORGANICS CORPORATION/EHS DEPT  
201 STRUBLE ROAD  
STATE COLLEGE, PA 16801  
ACCOUNT 155

Date Received 15-Jul-03  
Date Reported. 11-Aug-03

Contact: RAINER DOMALSKI

Invoice Number. 31948

Date Collected: 15-Jul-03

Client ID: AGAC-F-7-15-03

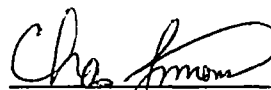
Lab ID L34871-5

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	UNITS	ESTIMATED RESULT	RETENTION TIME	TEST METHOD	TEST DATE	ANALYST
UNKNOWN	ppb (v/v)	2.7 NJ	M 4.1369	EPA-19 TO-14	04-Aug-03	STL
METHYL ALCOHOL	ppb (v/v)	54 NJ	M 4.562	EPA-19 TO-14	04-Aug-03	STL
ACETONE	ppb (v/v)	2 NJ	M 6.0717	EPA-19 TO-14	04-Aug-03	STL
METHYLENE CHLORIDE	ppb (v/v)	130 NJ	M 7.0608	EPA-19 TO-14	04-Aug-03	STL
1-BUTANOL	ppb (v/v)	4.5 NJ	M 11.32	EPA-19 TO-14	04-Aug-03	STL

M: Result was measured against nearest internal standard assuming a response factor of 1.

Submitted by  
Exygen Research  
Reviewed and Approved by:



Charles Simons  
Laboratory Manager

RUTGERS ORGANICS CORPORATION/EHS DEPT.  
201 STRUBLE ROAD  
STATE COLLEGE, PA 16801  
ACCOUNT. 155

Date Received 15-Jul-03  
Date Reported: 11-Aug-03

Invoice Number 31948

Contact: RAINER DOMALSKI

Date Collected: 15-Jul-03

Client ID AGAC-1-2-7-15

Lab ID L34871-6

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
<b>VOLATILE ANALYSIS</b>						
BROMODICHLOROMETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
BROMOFORM	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
DIBROMOCHLOROMETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
DIBROMOMETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
TRANS-1,2-DICHLOROETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
CUMENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
N-PROPYLBENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,2,3-TRICHLOROPROPANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
DICHLORODIFLUOROMETHANE	ppb (v/v)	< 2	2	EPA-19 TO-14	04-Aug-03	STL
VINYL CHLORIDE	ppb (v/v)	< 2	2	EPA-19 TO-14	04-Aug-03	STL
CHLOROETHANE	ppb (v/v)	< 2	2	EPA-19 TO-14	04-Aug-03	STL
TRICHLOROFLUOROMETHANE	ppb (v/v)	< 2	2	EPA-19 TO-14	04-Aug-03	STL
1,1-DICHLOROETHENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,1-DICHLOROETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
CIS-1,2-DICHLOROETHENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
CHLOROFORM	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,1,1-TRICHLOROETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
CARBON TETRACHLORIDE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
BENZENE	ppb (v/v)	1.3	1	EPA-19 TO-14	04-Aug-03	STL
1,2-DICHLOROETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
TRICHLOROETHENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,2-DICHLOROPROPANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
CIS-1,3-DICHLOROPROPENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
TOLUENE	ppb (v/v)	3.3	1	EPA-19 TO-14	04-Aug-03	STL
TRANS-1,3-DICHLOROPROPENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,1,2-TRICHLOROETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
TETRACHLOROETHENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,2-DIBROMOETHANE (EDB)	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
CHLOROBENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
ETHYLBENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
M,P-XYLENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
O-XYLENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
STYRENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL

RUTGERS ORGANICS CORPORATION/EHS DEPT  
201 STRUBLE ROAD  
STATE COLLEGE, PA 16801  
ACCOUNT 155

Date Received. 15-Jul-03  
Date Reported. 11-Aug-03

Invoice Number: 31948

Contact RAINER DOMALSKI

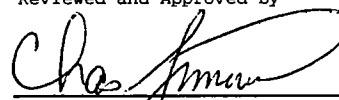
Date Collected 15-Jul-03

Client ID AGAC-1-2-7-15

Lab ID: L34871-6

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
1,1,2,2-TETRACHLOROETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,3,5-TRIMETHYLBENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,3-DICHLOROBENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,4-DICHLOROBENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	04-Aug-03	STL
1,2-DICHLOROBENZENE	ppb (v/v)	4.9	1	EPA-19 TO-14	04-Aug-03	STL

Submitted by  
Exygen Research  
Reviewed and Approved by

  
Charles Simons  
Laboratory Manager

RUTGERS ORGANICS CORPORATION/EHS DEPT.  
201 STRUBLE ROAD  
STATE COLLEGE, PA 16801  
ACCOUNT: 155

Date Received: 15-Jul-03

Date Reported: 11-Aug-03

Invoice Number: 31948

Contact: RAINER DOMALSKI

Date Collected: 15-Jul-03

Client ID: AGAC-1-2-7-15

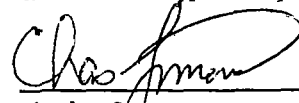
Lab ID: L34871-6

MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	UNITS	ESTIMATED RESULT	RETENTION TIME	TEST METHOD	TEST DATE	ANALYST
METHYL ALCOHOL	ppb (v/v)	6.8 NJ	M 4.5708	EPA-19 TO-14	04-Aug-03	STL
ACETONITRILE	ppb (v/v)	2.5 NJ	M 6.0024	EPA-19 TO-14	04-Aug-03	STL
METHYLENE CHLORIDE	ppb (v/v)	2.1 NJ	M 7.0609	EPA-19 TO-14	04-Aug-03	STL
ETHYL ACETATE	ppb (v/v)	2.3 NJ	M 9.629	EPA-19 TO-14	04-Aug-03	STL
DECANE	ppb (v/v)	5.7 NJ	M 18.964	EPA-19 TO-14	04-Aug-03	STL
1,2,4-TRIMETHYLBENZENE	ppb (v/v)	5.0 NJ	M 19.112	EPA-19 TO-14	04-Aug-03	STL
UNKNOWN	ppb (v/v)	2.0 NJ	M 19.329	EPA-19 TO-14	04-Aug-03	STL
UNKNOWN	ppb (v/v)	2.8 NJ	M 19.476	EPA-19 TO-14	04-Aug-03	STL
UNKNOWN	ppb (v/v)	4.3 NJ	M 19.589	EPA-19 TO-14	04-Aug-03	STL
UNKNOWN	ppb (v/v)	3.8 NJ	M 19.866	EPA-19 TO-14	04-Aug-03	STL
UNKNOWN	ppb (v/v)	2.2 NJ	M 20.066	EPA-19 TO-14	04-Aug-03	STL
UNDECANE	ppb (v/v)	4.5 NJ	M 20.222	EPA-19 TO-14	04-Aug-03	STL

M: Result was measured against nearest internal standard assuming a response factor of 1.

Submitted by  
Exygen Research  
Reviewed and Approved by:

  
Charles Simons  
Laboratory Manager

**Attachment 4**

**Water/Air Sampling Results – August 4, 2003**



RUTGERS ORGANICS CORPORATION/EHS DEPT  
201 STRUBLE ROAD  
STATE COLLEGE , PA 16801  
Account Number. 155

Contact. RAINER DOMALSKI

Date Received 05-AUG-03  
Date Reported 22-AUG-03

Invoice Number 31948

Date Collected 04-AUG-03

Client ID INFLUENT 8-4-03

Lab ID. L34968-1

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
BOD-5 DAY	mg/L	32	1	SM 5210	06-AUG-03	TGA
IRON-LOW LEVEL	mg/L	9 85	0038	EPA 200 8	12-AUG-03	JMS
PESTICIDE ANALYSIS						
KEPONE	ug/L	U 042	.042	SOP 6 2	21-AUG-03	JEG
PHOTOMIREX	ug/L	U 006	006	SOP 6 2	21-AUG-03	JEG
MIREX	ug/L	117	002	SOP 6 2	21-AUG-03	JEG
PH	PH UNITS	7 57	0	EPA 150 1	13-AUG-03	CEE
TOTAL DISSOLVED SOLIDS	mg/L	707	10	EPA 160 1	11-AUG-03	STL
TOTAL SUSPENDED SOLIDS	mg/L	21 6	4	EPA 160 2	11-AUG-03	STL

Comments <none>

Submitted by  
Exygen Research  
Reviewed and Approved by



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RUTGERS ORGANICS CORPORATION/EHS DEPT  
201 STRUBLE ROAD  
STATE COLLEGE, PA 16801  
Account Number: 155

Contact: RAINER DOMALSKI

Date Received: 05-AUG-03  
Date Reported: 22-AUG-03

Invoice Number: 31948

Date Collected: 04-AUG-03

Client ID: LGAC 2-3-8-4-03

Lab ID: L34968-2

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
BOD-5 DAY	mg/L	5	1	SM 5210	06-AUG-03	TGA
IRON-LOW LEVEL	mg/L	.354	0038	EPA 200.8	12-AUG-03	JMS
PESTICIDE ANALYSIS						
KEPONE	ug/L	U 042	042	SOP 6.2	21-AUG-03	JEG
PHOTOMIREX	ug/L	U 006	006	SOP 6.2	21-AUG-03	JEG
MIREX	ug/L	U 002	002	SOP 6.2	21-AUG-03	JEG
PH	PH UNITS	8.73	0	EPA 150.1	13-AUG-03	CEE
TOTAL DISSOLVED SOLIDS	mg/L	624	10	EPA 160.1	11-AUG-03	STL
TOTAL SUSPENDED SOLIDS	mg/L	< 4	4	EPA 160.2	11-AUG-03	STL
VOLATILE ANALYSIS						
VINYL CHLORIDE	ug/L	< 10	10	EPA 8260B	13-AUG-03	JEG
DICHLOROMETHANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
1,1-DICHLOROETHENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
CIS-1,2-DICHLOROETHENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
TRANS-1,2-DICHLOROETHENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
CHLOROFORM	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
1,2-DICHLOROETHANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
1,1,1-TRICHLOROETHANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
1,1,2,2-TETRACHLOROETHANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
1,2-DICHLOROPROPANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
TRICHLOROETHENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
BENZENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
TETRACHLOROETHENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
TOLUENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
CHLOROBENZENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
ETHYLBENZENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
M, P-XYLENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
O-XYLENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
ACETONE	ug/L	< 10	10	EPA 8260B	13-AUG-03	JEG

RUTGERS ORGANICS CORPORATION/EHS DEPT  
201 STRUBLE ROAD  
STATE COLLEGE, PA 16801  
Account Number: 155

Contact RAINER DOMALSKI

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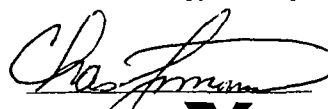
Client ID LGAC 2-3-8-4-03

Lab ID L34968-2

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
2-BUTANONE	ug/L	< 10	10	EPA 8260B	13-AUG-03	JEG
CHLOROMETHANE	ug/L	< 10	10	EPA 8260B	13-AUG-03	JEG
CIS-1,3-DICHLOROPROPENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
TRANS-1,3-DICHLOROPROPENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
BROMOFORM	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
DIBROMOCHLOROMETHANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
BROMODICHLOROMETHANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
CARBON TETRACHLORIDE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
BROMOMETHANE	ug/L	< 10	10	EPA 8260B	13-AUG-03	JEG

Comments <none>

Submitted by  
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Reviewed and Approved by



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201 STRUBLE ROAD  
STATE COLLEGE, PA 16801  
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Contact RAINER DOMALSKI

Date Received 05-AUG-03  
Date Reported 22-AUG-03

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Client ID: OUTFALL 8-4-03

Lab ID. L34968-3

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
BOD-5 DAY	mg/L	5	1	SM 5210	06-AUG-03	TGA
COD	mg/L	< 10	10	EPA 410.4	08-AUG-03	STL
IRON-LOW LEVEL	mg/L	.39	0038	EPA 200 8	12-AUG-03	JMS
PESTICIDE ANALYSIS						
KEPONE	ug/L	U 042	042	SOP 6 2	21-AUG-03	JEG
PHOTOMIREX	ug/L	U 006	006	SOP 6 2	21-AUG-03	JEG
MIREX	ug/L	U 002	002	SOP 6 2	21-AUG-03	JEG
AMMONIA	mg/L	1 3	1	EPA 350 1	09-AUG-03	STL
OIL & GREASE	mg/L	< 9 6	9 6	EPA 1664A	15-AUG-03	STL
PH	PH UNITS	8 92	0	EPA 150 1	13-AUG-03	CEE
SEMI-VOLATILE ANALYSIS						
ANTHRACENE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
BENZO (A) ANTHRACENE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
BENZO (K) FLUORANTHENE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
3,4 - BENZOFLUORANTHENE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
BENZO (B) FLUORANTHENE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
BENZO (G, H, I) PERYLENE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
BENZO (A) PYRENE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
CHRYSENE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
DIBENZ (A, H) ANTHRACENE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
FLUORENE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
INDENO (1, 2, 3-CD) PYRENE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
NAPHTHALENE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
PHENANTHRENE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
PYRENE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
PHENOL	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
4-METHYLPHENOL	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
1,3-DICHLOROBENZENE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP

RUTGERS ORGANICS CORPORATION/EHS DEPT  
201 STRUBLE ROAD  
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Date Collected 04-AUG-03

Client ID OUTFALL 8-4-03

Lab ID L34968-3

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
1,4-DICHLOROBENZENE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
1,2-DICHLOROBENZENE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
DIMETHYL PHTHALATE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
BUTYL BENZYL PHTHALATE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
DI-N-BUTYL PHTHALATE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
2-METHYLNAPHTHALENE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
3,4-DICHLORONITROBENZENE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
DIPHENYL SULFONE	ug/L	< 10	10	EPA 8270C	13-AUG-03	CP
TOTAL DISSOLVED SOLIDS	mg/L	619	10	EPA 160 1	11-AUG-03	STL
TOTAL SUSPENDED SOLIDS	mg/L	< 4	4	EPA 160 2	11-AUG-03	STL
VOLATILE ANALYSIS						
VINYL CHLORIDE	ug/L	< 10	10	EPA 8260B	13-AUG-03	JEG
DICHLOROMETHANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
1,1-DICHLOROETHENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
CIS-1,2-DICHLOROETHENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
TRANS-1,2-DICHLOROETHENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
CHLOROFORM	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
1,2-DICHLOROETHANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
1,1,1-TRICHLOROETHANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
1,1,2,2-TETRACHLOROETHANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
1,2-DICHLOROPROPANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
TRICHLOROETHENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
BENZENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
TETRACHLOROETHENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
TOLUENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
CHLOROBENZENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
ETHYLBENZENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
M, P-XYLENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
O-XYLENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
ACETONE	ug/L	< 10	10	EPA 8260B	13-AUG-03	JEG
2-BUTANONE	ug/L	< 10	10	EPA 8260B	13-AUG-03	JEG
CHLOROMETHANE	ug/L	< 10	10	EPA 8260B	13-AUG-03	JEG
CIS-1,3-DICHLOROPROPENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG

RUTGERS ORGANICS CORPORATION/EHS DEPT.  
201 STRUBLE ROAD  
STATE COLLEGE, PA 16801  
Account Number 155

Contact RAINER DOMALSKI

Date Received 05-AUG-03  
Date Reported 22-AUG-03

Invoice Number. 31948

Date Collected 04-AUG-03


Client ID. OUTFALL 8-4-03

Lab ID: L34968-3

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
TRANS-1,3-DICHLOROPROPENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
BROMOFORM	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
DIBROMOCHLOROMETHANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
BROMODICHLOROMETHANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
CARBON TETRACHLORIDE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
BROMOMETHANE	ug/L	< 10	10	EPA 8260B	13-AUG-03	JEG

Comments <none>

Submitted by  
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RUTGERS ORGANICS CORPORATION/EHS DEPT  
201 STRUBLE ROAD  
STATE COLLEGE , PA 16801  
Account Number: 155

Contact RAINER DOMALSKI

Date Received 05-AUG-03  
Date Reported 22-AUG-03

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Date Collected 31-JUL-03

Client ID. TRIP BLANK

Lab ID L34968-4

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
VOLATILE ANALYSIS						
VINYL CHLORIDE	ug/L	< 10	10	EPA 8260B	13-AUG-03	JEG
DICHLOROMETHANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
1,1-DICHLOROETHENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
CIS-1,2-DICHLOROETHENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
TRANS-1,2-DICHLOROETHENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
CHLOROFORM	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
1,2-DICHLOROETHANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
1,1,1-TRICHLOROETHANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
1,1,2,2-TETRACHLOROETHANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
1,2-DICHLOROPROPANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
TRICHLOROETHENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
BENZENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
TETRACHLOROETHENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
TOLUENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
CHLOROBENZENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
ETHYLBENZENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
M, P-XYLENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
O-XYLENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
ACETONE	ug/L	< 10	10	EPA 8260B	13-AUG-03	JEG
2-BUTANONE	ug/L	< 10	10	EPA 8260B	13-AUG-03	JEG
CHLOROMETHANE	ug/L	< 10	10	EPA 8260B	13-AUG-03	JEG
CIS-1,3-DICHLOROPROPENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
TRANS-1,3-DICHLOROPROPENE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
BROMOFORM	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
DIBROMOCHLOROMETHANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
BROMODICHLOROMETHANE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
CARBON TETRACHLORIDE	ug/L	< 5	5	EPA 8260B	13-AUG-03	JEG
BROMOMETHANE	ug/L	< 10	10	EPA 8260B	13-AUG-03	JEG

Comments. <none>

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RUTGERS ORGANICS CORPORATION/EHS DEPT.  
201 STRUBLE ROAD  
STATE COLLEGE, PA 16801  
ACCOUNT: 155

Date Received: 5-Aug-03  
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Contact: RAINER DOMALSKI

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Client ID: AGAC-1-2-8-4-03

Lab ID: L34968-5

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
<b>VOLATILE ANALYSIS</b>						
BROMODICHLOROMETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
BROMOFORM	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
DIBROMOCHLOROMETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
DIBROMOMETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
TRANS-1,2-DICHLOROETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
CUMENE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
N-PROPYLBENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
1,2,3-TRICHLOROPROPANE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
DICHLORODIFLUOROMETHANE	ppb (v/v)	< 2	2	EPA-19 TO-14	14-Aug-03	STL
VINYL CHLORIDE	ppb (v/v)	< 2	2	EPA-19 TO-14	14-Aug-03	STL
CHLOROETHANE	ppb (v/v)	< 2	2	EPA-19 TO-14	14-Aug-03	STL
TRICHLOROFLUOROMETHANE	ppb (v/v)	< 2	2	EPA-19 TO-14	14-Aug-03	STL
1,1-DICHLOROETHENE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
1,1-DICHLOROETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
CIS-1,2-DICHLOROETHENE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
CHLOROFORM	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
1,1,1-TRICHLOROETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
CARBON TETRACHLORIDE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
BENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
1,2-DICHLOROETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
TRICHLOROETHENE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
1,2-DICHLOROPROPANE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
CIS-1,3-DICHLOROPROPENE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
TOLUENE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
TRANS-1,3-DICHLOROPROPENE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
1,1,2-TRICHLOROETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
TETRACHLOROETHENE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
1,2-DIBROMOETHANE (EDB)	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
CHLOROBENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
ETHYLBENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
M,P-XYLENE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
O-XYLENE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
STYRENE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL



RUTGERS ORGANICS CORPORATION/EHS DEPT  
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Contact RAINER DOMALSKI

Client ID: AGAC-1-2-8-4-03

Lab ID: L34968-5

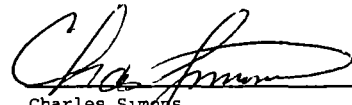
Date Received. 5-Aug-03  
Date Reported. 20-Aug-03

Invoice Number. 31948

Date Collected: 4-Aug-03

PARAMETER	UNITS	RESULT	LIMIT OF QUANTITATION	TEST METHOD	TEST DATE	ANALYST
1,1,2,2-TETRACHLOROETHANE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
1,3,5-TRIMETHYLBENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
1,3-DICHLOROBENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
1,4-DICHLOROBENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL
1,2-DICHLOROBENZENE	ppb (v/v)	< 1	1	EPA-19 TO-14	14-Aug-03	STL

Submitted by  
Exygen Research  
Reviewed and Approved by.

  
Charles Simons  
Laboratory Manager

RUTGERS ORGANICS CORPORATION/EHS DEPT.  
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MASS SPECTROMETER/DATA SYSTEM (MSDS) TENTATIVELY IDENTIFIED COMPOUNDS

PARAMETER	UNITS	ESTIMATED RESULT	RETENTION TIME	TEST METHOD	TEST DATE	ANALYST
UNKNOWN	ppb (v/v)	2.4 NJ	M 4.4497	EPA-19 TO-14	14-Aug-03	STL
UNKNOWN	ppb (v/v)	2.4 NJ	M 4.6059	EPA-19 TO-14	14-Aug-03	STL
BUTANE, 2-METHYL	ppb (v/v)	2.7 NJ	M 5.6731	EPA-19 TO-14	14-Aug-03	STL
UNKNOWN	ppb (v/v)	3.5 NJ	M 6.1589	EPA-19 TO-14	14-Aug-03	STL
METHYLENE CHLORIDE	ppb (v/v)	210 NJ	M 7.0439	EPA-19 TO-14	14-Aug-03	STL

M Result was measured against nearest internal standard assuming a response factor of 1

Submitted by  
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Laboratory Manager